



ALTON GEOSCIENCE

BORING LOG

PROJECT 08-HEL

DATE 9/16/86

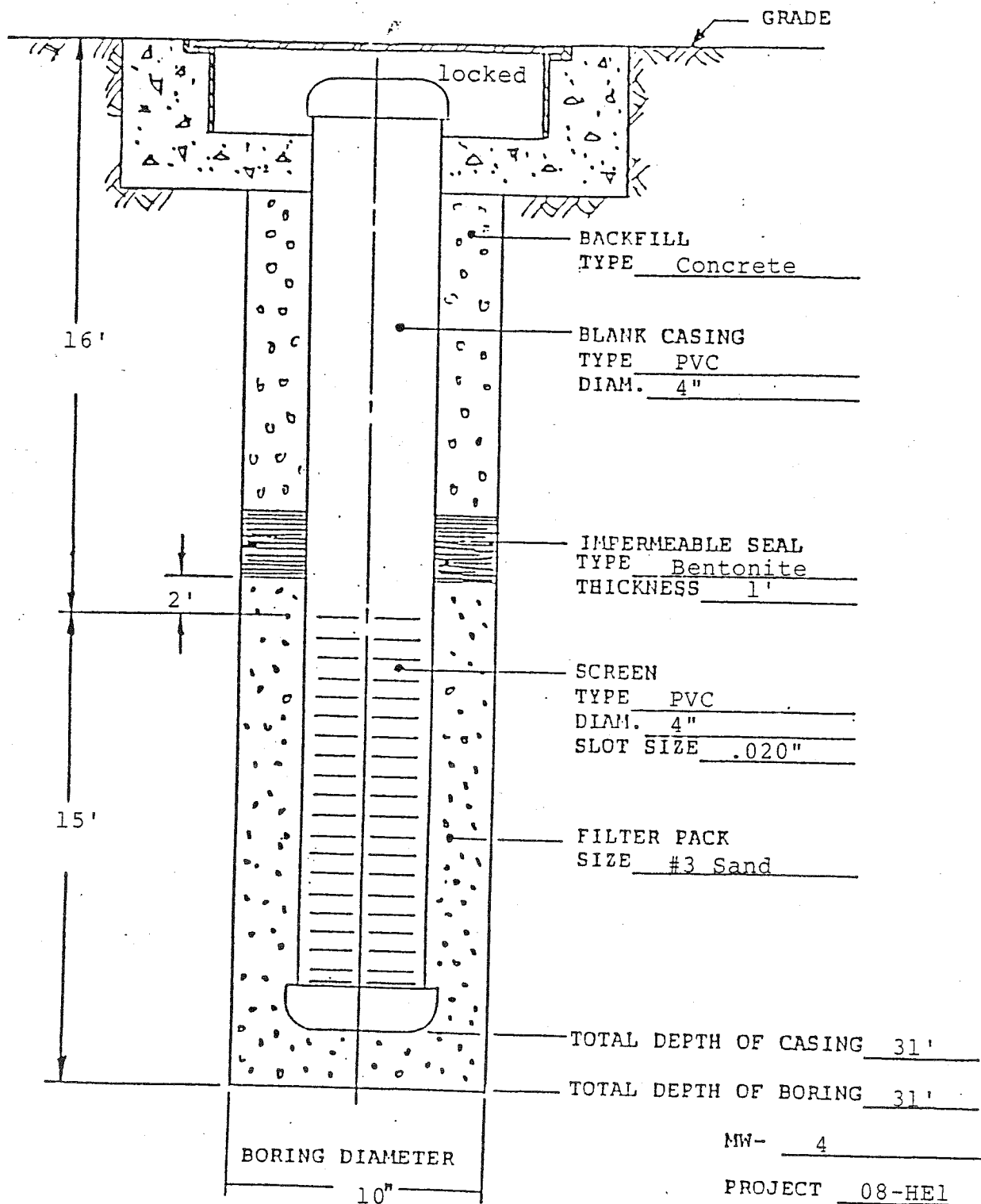
LOCATION 8' South of

BY R. Logan

TYPE 10" HSA

BORING # MW-4

DEPTH	SAMPLE	MATERIALS ENCOUNTERED	USC
5'	2/3/7	Soft, damp, dark yellowish brown clayey SILT; gravelly, fine sandy, micaceous, with CaCO ₃ vienlets, NO PHC ODOR.	ML
10'	2/3/5	Soft, damp, dark yellowish brown and medium gray CLAY; silty, plastic, micaceous, NO PHC ODOR.	CL
14'	2/4/5	Soft, damp, moderate yellowish brown CLAY; silty plastic, micaceous, with minor included, organic fragments, NO PHC ODOR.	CL
17'	2/4/6	Soft, damp, moderate yellowish brown and light gray CLAY; silty, gravelly, NO PHC ODOR.	CL
19'	3/3/4	Soft, damp, moderate yellowish brown, clayey silty fine SAND; gravelly, NO PHC ODOR.	SC
21'	3/4/4	As 17' sample	CL
23'	8/7/7	Loose, moist, moderate yellowish brown, fine SAND; NO PHC ODOR, poorly graded.	SP
24'		Water Encountered	
		Total Depth = 31' Sand grain size increases slightly and % of Fine material decreases with depth below 24'. NO PHC ODOR. Augers steam cleaned prior to use. Water encountered at 24'.	



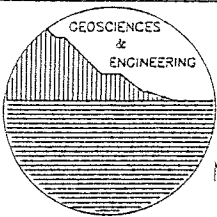
MW- 4

PROJECT 08-HE1

WELL CONSTRUCTION
DETAIL



ALTON GEOSCIENCE
10510 ASTON ST.
IRVINE, CA 92714



42111 Avenida Alvarado,
Temecula, California 92590

IRWIN

Environmental
Construction
Maintenance

BORING LOG

DRILL RIG:

CME-75.

DATE DRILLED:

12-6-93

LOGGED BY:

ROBERT
FULLER

BORING DIAMETER:

11"

BORING NUMBER:

MW4

SAMPLE

DEPTH
FEET

WELL
CONST.

ELEV
FEET

SOIL
TYPE

DESCRIPTION AND REMARKS

TYPE BLOW
COUNT

Monitoring well drill-out and removal

Total well abandonment depth 31 feet bgs.

COMPLETION NOTES:

MONITORING WELL ABANDONED BY DRILL-OUT METHOD
ACCORDING TO CA DWR STANDARDS 74-81 AND 74-90. ALL
WELL MATERIALS WERE REMOVED FROM BOREHOLE. BOREHOLE
WAS BACKFILLED WITH HYDRATED BENTONITE CHIPS TO 2
FEET BGS. COMPLETED TO SURFACE WITH CONCRETE.
18 50-POUND BAGS OF BENTONITE USED.

SITE:

MOBIL STATION #18-HE1
1465 SOUTH MAIN STREET
SANTA ANA, CALIFORNIA

PROJECT NO.
29519.00

PAGE 1 OF 1